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(71) Applicant *(for all designated States except US)*: **FIRST INFORMATION SYSTEMS, LLC** [US/US]; 2200 Mar East, Tiburon, CA 94920-1924 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **AVRITCH, Peter, S.** [US/US]; 6104 Bryndale Avenue, Oak Park, CA 91377 (US). **CLAY, Bruce, M.** [US/US]; 4642 Nannyberry Court, Moorpark, CA 93021 (US). **DU MOLIN, James, R.** [US/US]; 2200 Mar East, Tiburon, CA 94920 (US).

(74) Agent: **HODES, Alan, S.**; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).

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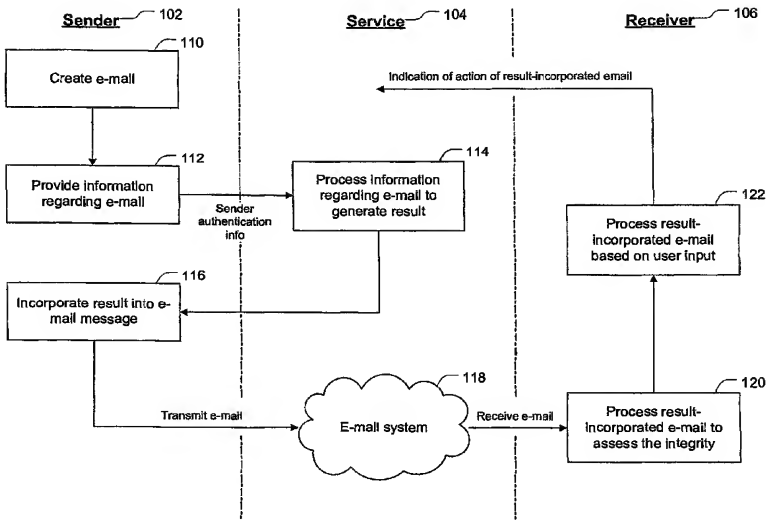
(54) Title: E-MAIL CERTIFICATION SERVICE



(57) Abstract: A method is provided to handle an electronic mail message such that the receiver of the e-mail message can verify the integrity of the message. A request is provided from a sender's side to a service. The request includes information regarding the e-mail message. The service processes at least a portion of the request to generate a result. For example, the service may encrypt the portion of the request, according to a public/private key encryption scheme, to generate a digital signature as the result. The service provides the result to the sender's side. At the sender's side, the result is incorporated into the e-mail message and the result-incorporated message is transmitted via an e-mail system. At the receiver's side, the result-incorporated e-mail message is processed to assess the integrity of the received e-mail message.

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